

Title (en)  
RING ANTENNA

Title (de)  
RINGANTENNE

Title (fr)  
ANTENNE ANNULAIRE

Publication  
**EP 2824763 B1 20180523 (EN)**

Application  
**EP 12870490 A 20121212**

Priority  
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Abstract (en)  
[origin: US2014240181A1] A ring antenna has a C-shaped loop element formed on the upper surface of a main body part including a ring-shaped dielectric material having a square cross-sectional shape. A cut part is formed in a portion of this C-shaped loop element, which is formed in the shape of a loop. In addition, an arc-shaped radiation element is formed on the inner circumferential surface of the main body part so as to be concentric with the C-shaped loop element, with a prescribed interval therebetween. The C-shaped loop element is excited by the radiation element. The tip of a feed conductor is connected to a feed part that is connected to one end of the radiation element formed on the lower surface of main body part, and electrical power is fed to the radiation element from the feed conductor.

IPC 8 full level  
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